Identification of Emerging Technologies
Source Category: Surface Coatings of Plastic Parts and Products

Pollutant: VOC

Description of Emerging Technology	Status	Source	Comments
Equipment or process: Assemly line capture hood with induced air flow at 6000 scfm and interfacial velocity at openring of 75 ft'min. Air ducted to catalytic odxdizer. 99% capture efficiency and 95% by wt. destruction efficiency.	Requires economic analysis	Deckers Sandal shoe manufacturing operation with three conveyorized assembly lines producing 750 pairs of shoes per hour and using 158 gallons of glue per day (CAPCOA BACT Clearing-house)	District contact: Steve Sterner Santa Barbara County APCD (805) 961-8886
Spray Booth - Coating of Metal or Plastic Surfaces BACT Technological Feasible For all HHC Emission Levels and Uncontrolled VOC Emission <140 lbs/day -Coating with lower solvent content and higher transfer efficiency than required by applicable rules, and emissions vented to afterburner (VOC Emissions only) or carbon absorber achieving = >90% overall efficiency -Emissions vented to afterburner (VOC emissions only) or carbon absorber achieving = > 90% overall efficiency -Costing with lower solvent content and higher transfer efficiency than required by applicable rules -Coating with lower solvent content or higher transfer efficiency than required by applicable rules	Requires economic analysis	SCAQMD BACT	
Spray Booth - Coating of Metal or Plastic Surfaces Achieved in Practice or Contained in EPA Approved SIP For uncontrolled VOC Emissions = > 140 lbs/day: Coating with lower solvent content and higher transfer efficiency than required by applicable rules, and emissions vented to afterburner or carbon absorber achieving = > 90% overall efficiency	Requires economic analysis	SCAQMD BACT	

Identification of Emerging Technologies
Source Category: Surface Coatings of Plastic Parts and Products

Pollutant: VOC

Description of Emerging Technology	Status	Source	Comments
Spray Booth - Coating of Metal or Plastic Surfaces For Small Businesses -Coating with lower solvent content and higher transfer efficiency than required by applicable rules, and emissions vented to afterburner (VOC emissions only) or carbon absorber achieving = > 90% overall efficiency -Emissions vented to afterburner (VOC emissions only) or carbon absorber achieving = > 90% overall efficiency -Coating with lower solvent content and higher transfer efficiency than required by applicable rules -Coating with lower solvent content or higher transfer efficiency than required by applicable rules	Requires economic analysis	SCAQMD BACT	
Degreaser - Cold Solvent Cleaning Tank BACT Technologically feasible Compliance with SCAQMD's Rule 1122 for all solvent and: -water cover, or -freeboard ration = 1; or -covering while in use	Requires economic analysis	SCAQMD BACT	
Degreaser - Cold Solvent Cleaning Tank BACT Achieved in Practice or Contained in EPA Approved in SIP -compliance with SCAQMD's Rule 1122 for all solvents -water cover and compliance with SCAQMD's Rule 1122 for Methylene Chloride with >6 lbs/day uncontrolled emissions	Requires economic analysis	SCAQMD BACT	
Degreaser - Cold Solvent Cleaning Tank BACT for small businesses Compliance with SCAQMD's Rule 1122 for all solvents and: -water cover; or -freeboard ration = 1; or Covering while in use -water cover, or freeboard ratio = 1 , or -covering while in use	Requires economic analysis	SCAQMD BACT	

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